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Page 1 of 7

#3

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/006,557

DATE: 12/17/2001 TIME: 11:01:04

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Output Set: N:\CRF3\12172001\J006557.raw

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              Abrahamson, Susan
              Pugsley, Michael
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      9 <130> FILE REFERENCE: 27129/36739A
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C--> 11 <141> CURRENT FILING DATE: 2001-12-03
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    58 Gln Lys Glu Leu Lys Arg Ile Lys Ile Pro Asp Tyr Ser Asp Ser Phe
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    61 aag atc aag cat ctt ggg aag ggg cat tat agc ttc tac agc atg gac
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## RAW SEQUENCE LISTING DATE: 12/17/2001 PATENT APPLICATION: US/10/006,557 TIME: 11:01:04

Input Set : A:\36739A.txt

Output Set: N:\CRF3\12172001\J006557.raw

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RAW SEQUENCE LISTING DATE: 12/17/2001 PATENT APPLICATION: US/10/006,557 TIME: 11:01:04

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163	+~			445		~~ ~.	-~~~1	- ~+ ~-	450		~~+ <i>~</i>	++~	.+ ~ . 1	455	~~+~1	tggggc	1551
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	_							-	_	-							
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RAW SEQUENCE LISTING DATE: 12/17/2001 PATENT APPLICATION: US/10/006,557 TIME: 11:01:04

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Output Set: N:\CRF3\12172001\J006557.raw

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234					150					155					160	
237	Ile	Glu	Ser	Ala	Leu	Arg	Asn	Lys	Met	Asn	Ser	Gln	Val	Cys	Glu	Lys
238				165					170					175		
241	Val	Thr	Asn	Ser	Val	Ser	Ser	Lys	Leu	Gln	Pro	Tyr	Phe	Gln	Thr	Leu
242			180					185					190			
245	Pro	Val	Met	Thr	Lys	Ile	Asp	Ser	Val	Ala	Gly	Ile	Asn	Tyr	Gly	Leu
246		195					200					205				
249	Val	Ala	${\tt Pro}$	Pro	Ala	Thr	Thr	Ala	Glu	Thr	Leu	Asp	Val	Gln	Met	Lys
250	210					215					220		•			225
253	Gly	Glu	Phe	Tyr	Ser	Glu	Asn	His	His	Asn	Pro	Pro	Pro	Phe	Ala	Pro
254					230					235					240	
	Pro	Val	Met		Phe	Pro	Ala	Ala		Asp	Arg	Met	Val		Leu	Gly
258				245					250					255		
	Leu	Ser	_	Tyr	Phe	Phe	Asn		Ala	Gly	Leu	Val	-	Gln	Glu	Ala
262			260					265					270		_	
	Gly	Val	Leu	Lys	Met	Thr		Arg	Asp	Asp	Met		Pro	Lys	Glu	Ser
266		275					280					285	_	_		•
	_	Phe	Arg	Leu	Thr		Lys	Phe	Phe	СТĀ		Phe	Leu	Pro	GLu	
	290	_	-	-1		295	30.1		<b>~1</b> .	<b>a</b> 1	300	77.1 a	*** 1	<b>a</b>		305
	Ата	Lys	ьys	Pne		Asn	мет	гàг	тте		тте	HIS	vaı	ser		ser
274	m1.	<b>.</b>	<b>D</b>	*** -	310	<b>a</b>	77- 7	a1	D	315	<b>a</b> 1	<b>T</b>	m 1	n	320	D
	Thr	Pro	Pro		Leu	ser	vaı	GIN		Thr	GTA	ьеи	Tur		туг	Pro
278	71-	77 n 7	7 ~~	325	<i>α</i> 1	210	Dha	* 1 -	330	T 0	Dwo	7.00	Com	335	Lou	λl <sub>2</sub>
	Ala	Val	340	val	GIII	Ата	Pile	345	Val	Leu	PIO	ASII	350	ser	Leu	нта
282	Cor	Leu		T OU	т1.	C1 v	Mot		Thr	Thr	C 1 vr	Cor		Clu	17 n 1	Cor
286	ser	355	Phe	ьец	116	СТУ	360	птэ	TIIT	1111	СТУ	365	мес	GIU	Val	Ser
	λla	Glu	Cor	λan	Δτα	Τ.Δ11		G1v	Glu	T.au	T.ve		λen	Δrσ	T.611	T.em
	370	GIU	261	Lon	пта	375	Val	СТУ	GIU	пси	380	шеи	кэр	пта	пси	385
		Glu	Lau	Luc	ије		λen	тъ	Clv	Dro		Dro	Va l	Glu	T.e.ii	
294	пси	Giu	цец	цуз	390	DCI	ASII	110	O L Y	395	Tile	110	VUI	GIU	400	Lcu
	Gln	Asp	T10	Met		Tur	Tle	Val	Pro		Len	Val	T.e11	Pro		Va1
298	OIII	пор	110	405	21511	+1-	110	, uı	410	110	пси	141	Dea	415	**** 9	
	Asn	Glu	Lvs		Glp	Lvs	Glv	Phe		Len	Pro	Thr	Pro		Arσ	Va l
302		J_u	420			10	~-1	425					430		9	
	G] n	Leu		Asn	Val	Val	Leu		Pro	His	Gln	Asn	-	Leu	Leu	Phe
306		435	-1-				440	~ <b></b>				445				

DATE: 12/17/2001

TIME: 11:01:04

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Input Set : A:\36739A.txt
                Output Set: N:\CRF3\12172001\J006557.raw
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310 450
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314 <211> LENGTH: 11
315 <212> TYPE: PRT
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344 <223> OTHER INFORMATION: AMIDATION /label=Amidation note=The C-terminus is Amidated
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349 Lys Leu Phe Lys Ala Gln Ala Lys Ala Lys Gly
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350 1
                    5 . .
353 <210> SEQ ID NO: 4
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/006,557

VERIFICATION SUMMARY

DATE: 12/17/2001

PATENT APPLICATION: US/10/006,557

TIME: 11:01:05

Input Set : A:\36739A.txt

Output Set: N:\CRF3\12172001\J006557.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date